

Title (en)  
PIXEL ARRAY MEDICAL DEVICES AND METHODS

Title (de)  
PIXELANORDNUNGSMEDIZINPRODUKTE UND -VERFAHREN

Title (fr)  
DISPOSITIFS ET PROCÉDÉS MÉDICAUX À RÉSEAU DE PIXELS

Publication  
**EP 3185788 A4 20180207 (EN)**

Application  
**EP 15836045 A 20150831**

Priority

- US 201462044060 P 20140829
- US 201462044078 P 20140829
- US 201462044089 P 20140829
- US 201462044102 P 20140829
- US 201414505090 A 20141002
- US 2015047695 W 20150831

Abstract (en)  
[origin: WO2016033584A1] Systems, instruments, and methods are described in which an apparatus comprises a housing including a scalpet device. The scalpet device includes a scalpet array that includes scalpets arranged in a pattern. The scalpets are deployable from the housing to generate incised skin pixels at a target site. The housing is positioned and the scalpet array is deployed into tissue at the target site. Incised skin pixels are generated when the target site is a donor site, and skin defects are generated when the target site is a recipient site. The incised skin pixels are harvested.

IPC 8 full level  
**A61B 17/322** (2006.01); **A61M 31/00** (2006.01); **A61M 37/00** (2006.01)

CPC (source: EP KR)  
**A61B 17/205** (2013.01 - KR); **A61B 17/32053** (2013.01 - KR); **A61B 17/322** (2013.01 - EP KR); **A61B 17/205** (2013.01 - EP); **A61B 17/32053** (2013.01 - EP); **A61B 2017/00752** (2013.01 - EP KR)

Citation (search report)

- [X] US 2005283141 A1 20051222 - GIOVANNOLI JOSEPH [US]
- [X] WO 2014028626 A1 20140220 - GEN HOSPITAL CORP [US]
- [X] US 2012323325 A1 20121220 - FULTON JUDITH A [US]
- [A] WO 2014089488 A2 20140612 - SRGI HOLDINGS LLC [US], et al
- [A] US 2012271320 A1 20121025 - HALL COLIN JOHN [GB], et al
- [A] US 5922000 A 19990713 - CHODOROW INGRAM S [US]
- See references of WO 2016033584A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2016033584 A1 20160303**; AU 2015308582 A1 20170420; AU 2020202310 A1 20200423; AU 2020202310 B2 20210128; BR 112017004112 A2 20171205; CA 2959512 A1 20160303; CN 107405164 A 20171128; CN 107405164 B 20210209; EP 3185788 A1 20170705; EP 3185788 A4 20180207; JP 2017528216 A 20170928; KR 20170101184 A 20170905; MX 2017002661 A 20180125; PH 12017500349 A1 20170717; SG 11201701521R A 20170330; WO 2016033586 A1 20160303

DOCDB simple family (application)  
**US 2015047695 W 20150831**; AU 2015308582 A 20150831; AU 2020202310 A 20200401; BR 112017004112 A 20150831; CA 2959512 A 20150831; CN 201580055986 A 20150831; EP 15836045 A 20150831; JP 2017511818 A 20150831; KR 20177008576 A 20150831; MX 2017002661 A 20150831; PH 12017500349 A 20170227; SG 11201701521R A 20150831; US 2015047721 W 20150831